

**To:** Bond, Shannon[bond.shannon@epa.gov]; Castro, Toni[Castro.Toni@epa.gov]; Peterson, Mary[Peterson.Mary@epa.gov]  
**From:** Washburn, Ben  
**Sent:** Fri 3/21/2014 8:28:32 PM  
**Subject:** FW: WL Update Content for Edits

Here's the first piece of content for the next update.

Benjamin M. Washburn

Public Affairs Specialist

EPA Region 7

(913) 551-7364

**From:** Whitley, Christopher  
**Sent:** Friday, March 21, 2014 3:27 PM  
**To:** Washburn, Ben  
**Subject:** RE: WL Update Content for Edits

**My edits:**

#### **EPA Releases Fourth GW Monitoring Report:**

The fourth round of groundwater sampling data is now available online at [http://www.epa.gov/region7/cleanup/west\\_lake\\_landfill/index.htm](http://www.epa.gov/region7/cleanup/west_lake_landfill/index.htm)

This round of data is generally consistent with the previous three rounds of groundwater sampling. Of particular note this round is the inclusion of eight recently added deep bedrock sampling wells at the southern portion of the site.

These eight sampling wells were not drilled as part of EPA's engineering survey. Rather, they were installed because the Missouri Department of Natural Resources wanted Republic Services

to sample for benzene in groundwater an area adjacent to the Bridgeton Sanitary Landfill. Working under EPA's oversight, Republic's contractor used the same wells to conduct additional sampling for radionuclides and other analytes, and added those to the fourth quarterly groundwater sampling report submitted to EPA. Overall, total and/or dissolved radium were found in 30 of the 84 wells sampled at levels above the Maximum Contaminant Level (MCL) of 5 picocuries per liter (pCi/L). One well contained total uranium above its MCL of 30 pCi/L, but the dissolved result from the same well was much less than the MCL. Thorium levels in groundwater do not have an MCL, and the results for most wells were less than 1 pCi/L.

**From:** Washburn, Ben  
**Sent:** Friday, March 21, 2014 3:01 PM  
**To:** Whitley, Christopher  
**Subject:** WL Update Content for Edits

We will be doing a bio on Ron this week – don't have that yet. Probably going to switch out for Hoefer due to keeping the Hoefer bio with the Enforcement piece we will run.

#### **EPA Releases Fourth GW Monitoring Report:**

The fourth round of groundwater sampling data has been provided to EPA and is under review. The results of this round of data are generally consistent with the previous three rounds of groundwater sampling. Of particular note this round is the addition of eight new deep bedrock wells at the southern portion of the site.

These wells were added because the Missouri Department of Natural Resources wanted Republic to sample for benzene in the area adjacent to the Bridgeton Sanitary Landfill. The PRP contractor proactively took advantage of the new wells to conduct additional sampling for radionuclides and other analytes at the new wells. Total and/or dissolved radium were found in 30 of the 84 wells sampled at levels above the Maximum Contaminant Level (MCL) of 5 picocuries per liter (pCi/L). One well contained total uranium above its MCL of 30 pCi/L, but the dissolved result from the same well was much less than the MCL. Thorium levels in groundwater do not have an MCL, and the results for most wells were less than 1 pCi/L.

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